

Serial No. 09/805,311  
Group Art Unit: 1638

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- 1-76. (Cancelled)
77. (Previously Presented) An isolated polypeptide comprising an amino acid sequence having at least 80% sequence identity over the entire length of SEQ ID NO: 2 as determined by the GAP algorithm under default parameters, wherein the amino acid sequence encodes a polypeptide having flap endonuclease activity.
78. (Previously Presented) The polypeptide of claim 77 wherein the amino acid sequence has at least 85% sequence identity to SEQ ID NO: 2.
79. (Previously Presented) The polypeptide of claim 77 wherein the amino acid sequence has at least 90% sequence identity to SEQ ID NO: 2.
80. (Previously Presented) The polypeptide of claim 77 wherein the amino acid sequence has at least 95% sequence identity to SEQ ID NO: 2.
81. (Previously Presented) An isolated polypeptide comprising the polypeptide of SEQ ID NO: 2, wherein the polypeptide has flap endonuclease activity.
- 82-87. (Cancelled)